



Recombinant Human CFHR4 (C-6His)

Catalog #	EPT117
Expression Host	Human Cells
DESCRIPTION	Recombinant Human Complement Factor H-related Protein 4 is produced by our Mammalian expression system and the target gene encoding Glu20-Glu578 is expressed with a 6His tag at the C-terminus.
Accession	Q92496
Synonyms	Complement factor H-related protein 4; FHR-4; CFHR4; CFHL4
Mol Mass	64.1 KDa
AP Mol Mass	90-110 KDa, reducing conditions
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Endotoxin	Less than 0.1 ng/μg (1 EU/μg) as determined by LAL test.
FORMULATION	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
RECONSTITUTION	Always centrifuge tubes before opening. Do not mix by





vortex or pipetting.

It is not recommended to reconstitute to a concentration less than 100µg/ml.

Dissolve the lyophilized protein in distilled water.

Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SHIPPING

The product is shipped at ambient temperature.

Upon receipt, store it immediately at the temperature listed below.

STORAGE

Lyophilized protein should be stored at $< -20^{\circ}\text{C}$, though stable at room temperature for 3 weeks.

Reconstituted protein solution can be stored at $4-7^{\circ}\text{C}$ for 2-7 days.

Aliquots of reconstituted samples are stable at $< -20^{\circ}\text{C}$ for 3 months.

BACKGROUND

Complement factor H-related protein 4 is a protein that in humans is encoded by the CFHR4 gene. It is a secreted protein that belongs to the complement factor H protein family. Members of the H-related protein family are exclusively composed of individually folded protein domains. CFHR4 is synthesized as a 578 amino acid precursor that contains an 19 amino acid





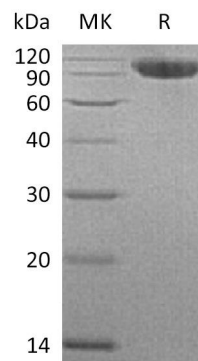
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signal peptide and a 569 amino acid mature chain.

Human CFHR4 is involved in complement regulation.

It can associate with lipoproteins and may play a role in lipid metabolism.

SDS-PAGE



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